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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEEE STD = IEEE Standard

1. Noise-adaptive spatio-temporal filter for real-time noise removal in low light level images

Seong-Won Lee; Vivek Maik; Jihoon Jang; Jeongho Shin; Joonki Paik; Consumer Electronics, IEEE Transactions on Volume 51, Issue 2, May 2005 Page(s):648 - 653

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2. An adaptive order-statistic noise filter for gamma-corrected image sequences

Kleihorst, R.P.; Lagendiik, R.L.; Biemond, J.; Image Processing, IEEE Transactions on Volume 6, Issue 10, Oct. 1997 Page(s):1442 - 1446 IEEE JNL

3. Block-based noise estimation using adaptive Gaussian filtering

Dong-Hyuk Shin; Rae-Hong Park; Seungjoon Yang; Jae-Han Jung; Consumer Electronics, IEEE Transactions on Volume 51, Issue 1, Feb. 2005 Page(s):218 - 226

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4. Nonlinear distortion correction in endoscopic video images

Chao Zhang; Helferty, J.P.; McLennan, G.; Higgins, W.E.; Image Processing, 2000. Proceedings. 2000 International Conference on Volume 2, 10-13 Sept. 2000 Page(s):439 - 442 vol.2

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5. Design of a High Performance Digital Architecture for Real-Time Correction of Radial Lens Distortion

Ngo, Hau T.; Asari, Vijayan K.;

Circuits and Systems, 2006. MWSCAS '06. 49th IEEE International Midwest Symposium on Volume 2, 6-9 Aug. 2006 Page(s):526 - 530

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6. Mitistage bilateral noise filtering and edge detection for color image enhancement

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7. Videoendoscopic distortion correction and its application to virtual guidance of endoscopy

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8. A new approach for nonlinear distortion correction in endoscopic images based on least squares estimatio

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10. An evaluation of the effect of filtering in 3-D OSEM reconstruction by using data from a high-resolution PET scanner

Baghaei, H.; Uribe, J.; Hongdi Li; Yu Wang; Aykac, M.; Yaqiang Liu; Tao Xing; Wai-Hoi Wong;

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11. A pipelined architecture for real-time correction of barrel distortion in wide-angle camera images

Ngo, H.T.; Asari, V.K.;

Circuits and Systems for Video Technology, IEEE Transactions on

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12. Evaluation of the 3D IMF-OSEM algorithm by using data from a high resolution PET scanner

Baghaei, H.; Uribe, J.; Hongdi Li; Yu Wang; Aykac, M.; Yaqiang Liu; Tao Xing; Wai-Hoi Wong;

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13. Block-based noise estimation using adaptive Gaussian filtering

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14. Segmentation-based adaptive spatio-temporal filtering for noise canceling and MPEG pre-processing

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Miranda-Luna, R.; Blondel, W.C.P.M.; Daul, C.; Hernandez-Mier, Y.; Posada, R.; Wolf, D.;

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18. Improved method for blocking-artifact reduction in block coded images in wavelet-transform domain

Hadhoud, M.M.; Foaad, M.M.; Abd Allah, H.A.; Radio Science Conference, 2002. (NRSC 2002). Proceedings of the Nineteenth National 19-21 March 2002 Page(s):301 - 308

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20. An efficient spatio-temporal OS-filter for gamma-corrected video signals

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21. An Image-Enhancement System Based on Noise Estimation

Russo, F.;

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22. Joint demosaicing and denoising

Hirakawa, K.; Parks, T.W.; Image Processing, IEEE Transactions on Volume 15, Issue 8, Aug. 2006 Page(s):2146 - 2157 IEEE JNL

23. Adaptive motion-compensated filtering of noisy image sequences

Ozkan, M.K.; Sezan, M.I.; Tekalp, A.M.; Circuits and Systems for Video Technology, IEEE Transactions on Volume 3, Issue 4, Aug. 1993 Page(s):277 - 290 IEEE JNL

24. New autofocusing technique using the frequency selective weighted median filter for video cameras

Kang-Sun Choi; Jun-Suk Lee; Sung-Jae Ko; Consumer Electronics, IEEE Transactions on Volume 45, Issue 3, Aug. 1999 Page(s):820 - 827

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25. Image Enhancement Based on Noise Estimation

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EAST Search History

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L1	33707	(imag\$3)same(buffer\$4 or stor\$4 or memor\$4 or record\$3 or register\$3 or databas\$3 or library\$4)same(scan\$4 or read\$3 or captur\$3 or extract\$6 or camera\$3 or detect\$6)same(anomal\$4 or unsharp\$3 or distort\$4 or dust\$3 or scratch\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or defect\$46 or aberration\$4 or bulg\$4)	US-PGPUB; USPAT	OR	ON	2007/09/19 07:57
L2	16978	L1 same(retouch\$4 or edit\$4 or restor\$6 or filter\$3 or correct\$4 or adjust\$4 or enhanc\$6 or smooth\$3 or eliminat\$6 or sharp\$4 or resolution\$4)	US-PGPUB; USPAT	OR	ON	2007/09/19 07:57
L3	8498	L2 same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3 or sampl\$4 or cut\$4)	US-PGPUB; USPAT	OR	ON	2007/09/19 07:57
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